

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 05435A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L51/20 H01L51/40 H01L51/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/29912 A (SMITH PAUL ; EIDGENOESS TECH HOCHSCHULE (CH); SIRRINGHAUS HENNING (GB)) 11 April 2002 (2002-04-11) figures 4,6	1-8, 10, 12-23, 25-53
Y	WO 02/47183 A (KURZ HEINRICH ; BERNDIS ADOLF (DE); HARING PETER (DE); SIEMENS AG (DE);) 13 June 2002 (2002-06-13) figure 1	1
Y	SIRRINGHAUS H ET AL: "HIGH-RESOLUTION INK-JET PRINTING OF ALL-POLYMER TRANSISTOR CIRCUITS" MRS BULLETIN, PITTSBURGH, US, vol. 26, no. 7, July 2001 (2001-07), pages 539-543, XP001032496 the whole document	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the International search

19 August 2004

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26/08/2004

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## C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/60589 A (STUTZMANN NATALIE ; SMITH PAUL (CH); TERVOORT THEODORUS (CH); BASTIAAN) 23 August 2001 (2001-08-23) the whole document	
A	GARNIER FRANCIS ET AL: "Vertical device architecture by molding of organic-based thin film transistor". APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 73, no. 12, 21 September 1998 (1998-09-21), pages 1721-1723, XP012021001 ISSN: 0003-6951 the whole document	
A	KAGAN C R ET AL: "PATTERNING ORGANIC-INORGANIC THIN-FILM TRANSISTORS USING MICROCONTACT PRINTED TEMPLATES" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 79, no. 21, 19 November 2001 (2001-11-19), pages 3536-3538, XP001061204 ISSN: 0003-6951 the whole document	

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 05435

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0229912	A 11-04-2002	AU CN EP WO JP	9208401 A 1475036 T 1323196 A1 0229912 A1 2004517737 T	15-04-2002 11-02-2004 02-07-2003 11-04-2002 17-06-2004
WO 0247183	A 13-06-2002	DE WO EP JP US	10061297 A1 0247183 A1 1346422 A1 2004515928 T 2004063267 A1	27-06-2002 13-06-2002 24-09-2003 27-05-2004 01-04-2004
WO 0160589	A 23-08-2001	AU WO US	3845901 A 0160589 A1 2003062635 A1	27-08-2001 23-08-2001 03-04-2003

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